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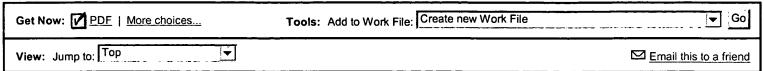
High Resolution

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ଡ Title: CS0175003B:

영 Country: CS Czechoslovakia

B Inventor's Certificate i **8Kind:**

None

None

Published / Filed: **1977-04-29** / 1973-05-22

[®]Application

CS1973000733655

Number:

PIPC Code: A62B 19/00;

용ECLA Code: None

Priority Number:

1973-05-22 CS1973000733655

영Family:

PDF	<u>Publication</u>	Pub. Date	Filed	Title	
N	CS0175003B	1977-04-29	1973-05-22		
1 family members shown above					

[®] Forward Refe

Go to Result Set: Forward references (1)

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erences:	PDF	Patent	<u>F</u>

PDF	Patent	<u>Pub.Date</u>	Inventor	Assignee	Title
*	<u>US5344626</u>	1994-09-06	Abler; Mary Jo		Dual impregnated activated carbon

♥Other Abstract

CHEMABS 090(26)209433W









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Czech Patent 175,003

Bibliographic Information

Impregnated microporous sorbents for toxic gases. Brych, Jan; Martinek, Jaroslav. (Czech.). Czech. (1978), 2 pp. CODEN: CZXXA9 CS 175003 19781115 Patent written in Czech. Application: CS 73-3655 19730522. CAN 90:209433 AN 1979:209433 CAPLUS

Patent Family Information

Patent No.	Kind	Date	Application No.	<u>Date</u>
CS 175003	В	19770429	CS 1973-3655	19730522
Priority Application				
CS 1973-3655		19730522		

Abstract

Common sorbents were rendered more effective and resistant to decompn. by high temps. and breakthrough by toxic gases by impregnation with metal salts. Thus, microporous active C was sprayed with an aq. CuSO4 soln., dried, and sprayed with an aq. K2CO3 soln. to give a sorbent which traps NH3, H2S, and KCN at high relative humidity (>75%). A table is given showing numerous combinations of cations and anions useful for the sorption of NH3, KCN, NCCI, halogens, SO2, COCI2, and odors.

Patent Classifications

IPC: A62B019-00.

Indexing -- Section 59-3 (Air Pollution and Industrial Hygiene)